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WPI Acc No: 2000-014725/200002
XRAM Acc No: C00-003171
XRPX Acc No: N00-011519

Decorative, external trim strip for vehicles and furniture

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Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19921143	A1	19991118	DE 1021143	A	19990507	200002 B

Priority Applications (No Type Date): DE 1021143 A 19990507

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 19921143	A1	6	B60R-013/04	

Abstract (Basic): DE 19921143 A1

NOVELTY - The main body is translucent or transparent. Its underside facing the surface (1), stands back from the trim (3) edge contours (4, 5), producing a trough like recess. This recess accepts the adhesive used for attachment to a surface.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for making the strip, by casting it in a mould.

Preferred Features: The main body and covering layer are made integrally in plastic with self repairing properties. Edge contours are produced during casting. The recess accepts double sided adhesive tape (2). The mould also transports the trim strip, after moulding.

USE - The strip is a furniture moulding (i.e., an edging or decorative contoured strip). It is a vehicle trim strip. It is an impact protection strip or bumper strip (all claimed).

ADVANTAGE - The strip is transparent or translucent, and self repairing. The strip is self healing by virtue of, e.g., its self restoration in a short interval (minutes), following indentation. It is readily applied to curved surfaces, such as those arising in car manufacture. Worn moulds can be recycled. A surface tension effect, most conveniently provides both a recess for the double sided adhesive tape, and protruding yet flexible edge lips contacting and blending into the surface to which the strip is adhered.

DESCRIPTION OF DRAWING(S) - The perspective view reveals the strip adhered to a surface, exposing the cross-section and adhesive contained. A further illustration in the disclosure (Fig. 4) shows the meniscus effect in a mould, curiously producing rounded edges.

Surface (1)

Double sided adhesive tape (2)

Trim (3)

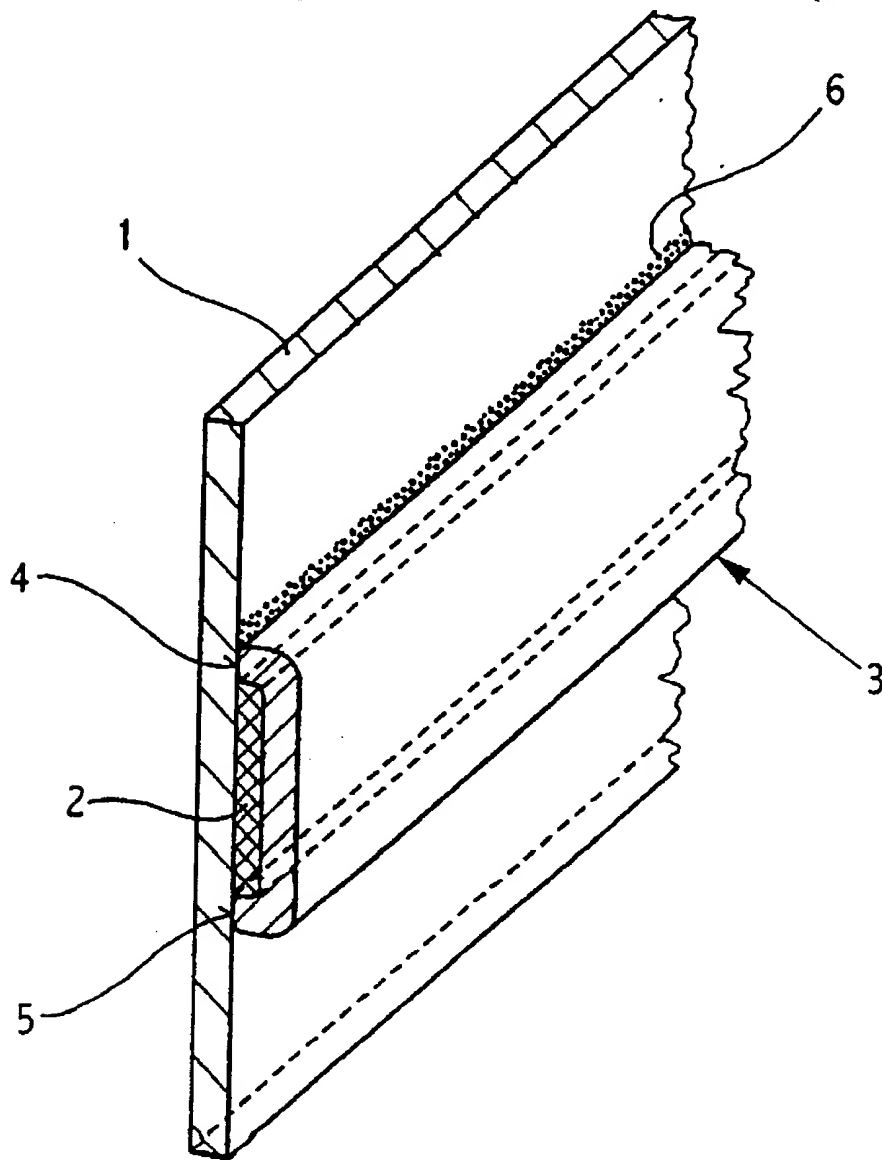
Edge contours (4, 5)

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Technology Focus:

TECHNOLOGY FOCUS - POLYMERS - Preferred Material: A polyurethane mixture reacts to form a transparent moulding. A meniscus forms part of the moulding. The materials have specific surface tension. Greater detail of suitable chemicals is revealed in the text of the disclosure.

Preferred Mould: The mould used is itself injection moulded. The mould is thermoplastic, especially polyethylene.



Title Terms: DECORATE; EXTERNAL; TRIM; STRIP; VEHICLE; FURNITURE
Derwent Class: A25; A32; A95; P25; Q17; Q61
International Patent Class (Main): B60R-013/04
International Patent Class (Additional): A47B-095/04; B29C-033/40;
B29C-039/26; C08L-023/06; C08L-075/04; C09J-007/02; F16B-005/12
File Segment: CPI; EngPI
Manual Codes (CPI/A-N): A04-G02E4; A05-G01E; A11-B04; A12-D01; A12-H05;
A12-T04D
Polymer Indexing (PS):
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K9483; K9676-R; K9712 K9676

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